

Supplementary Material

Cyclohexylamine – An efficient organocatalyst for the synthesis of 2-amino-4*H*-chromene derivatives by multicomponent reactions of salicylaldehydes, active methylene compounds and nitroalkanes

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^b*Instrumentation Center, P.A.H.Solapur University, Solapur 413 255, India*

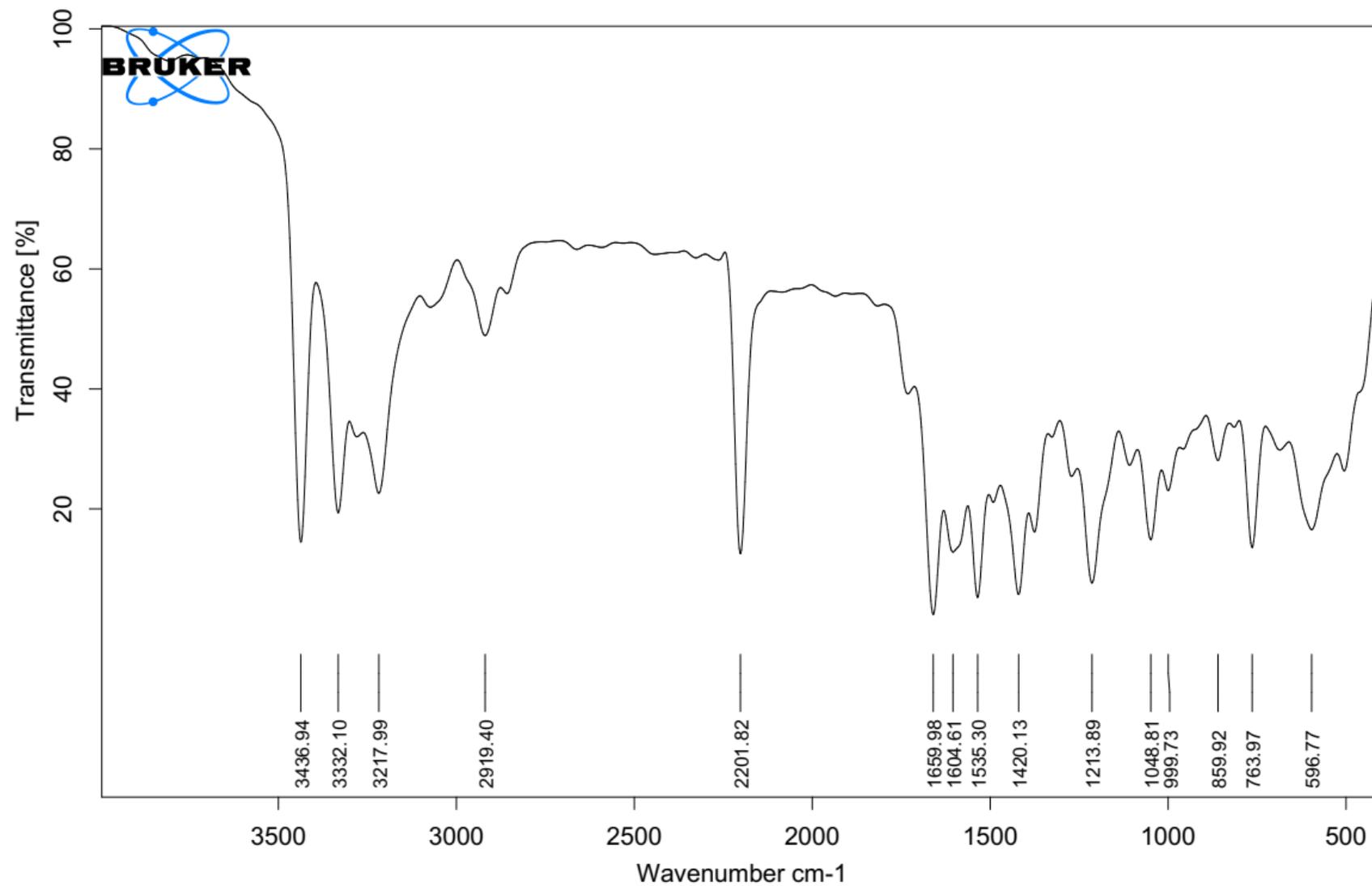
^c*Polymer Science and Engineering Division, CSIR-National Chemical Laboratory, Pune-411 008, India*

Email: sdmitragotri@rediffmail.com

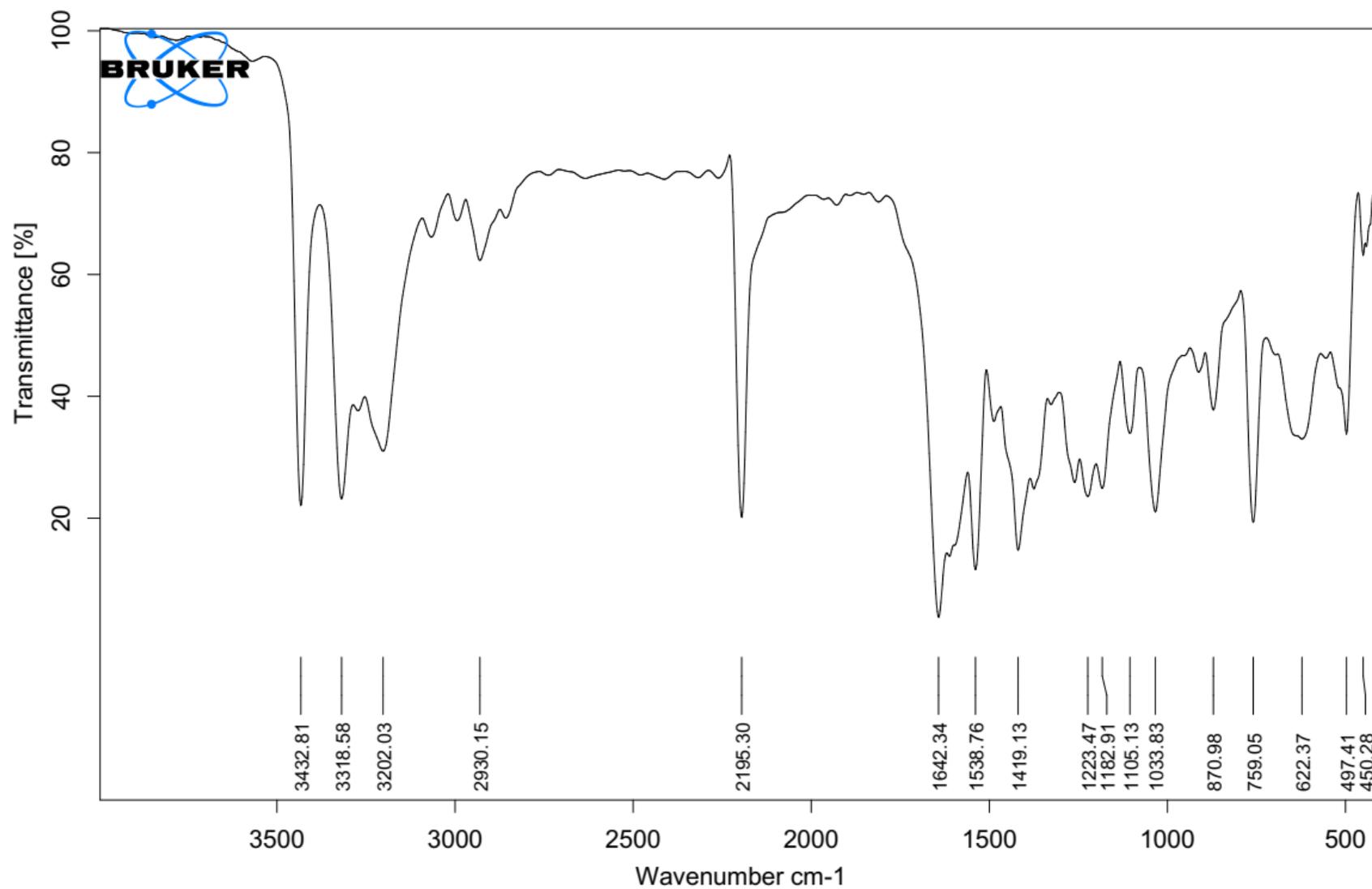
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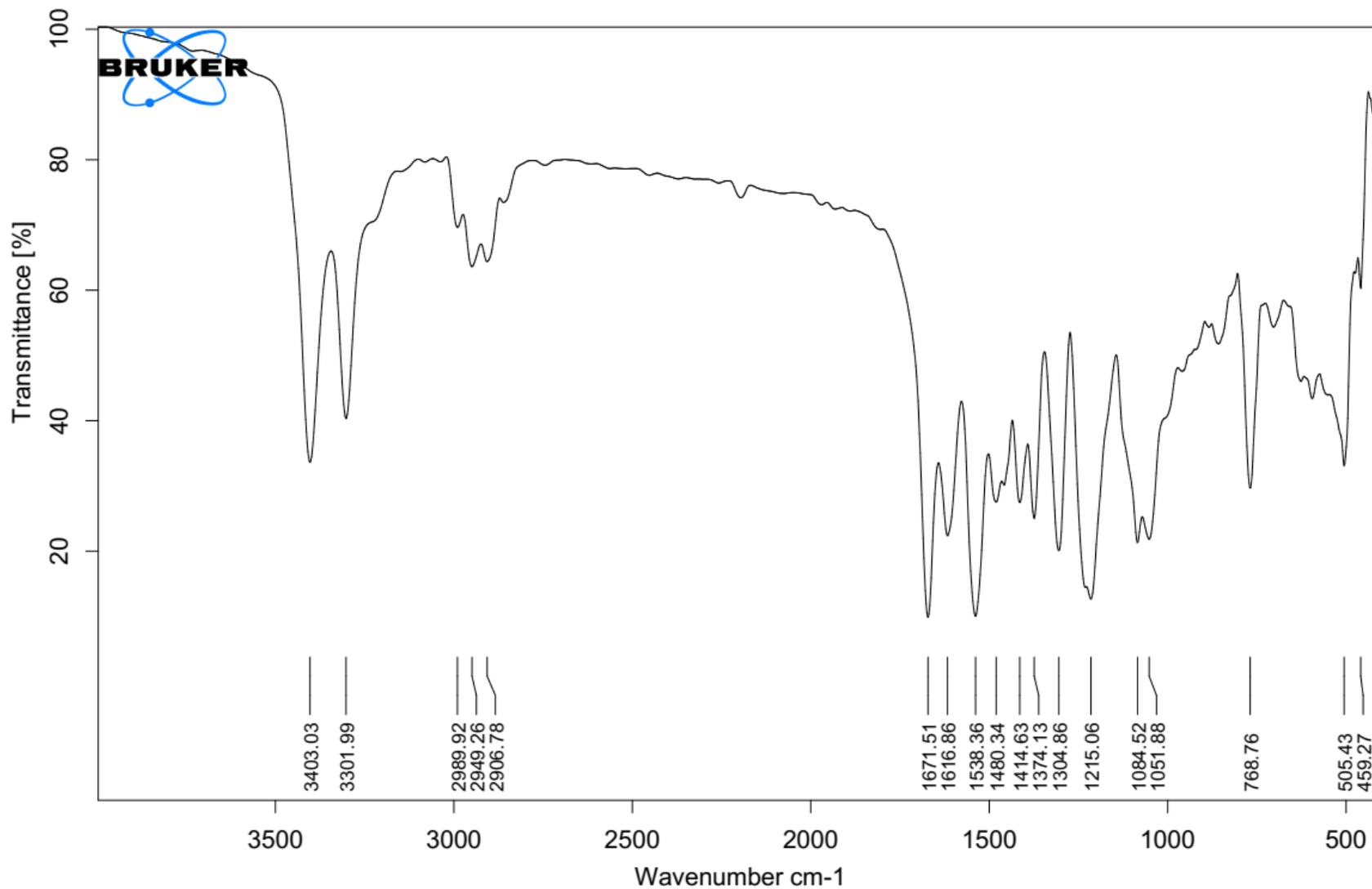
IR SPECTRUM OF 1D



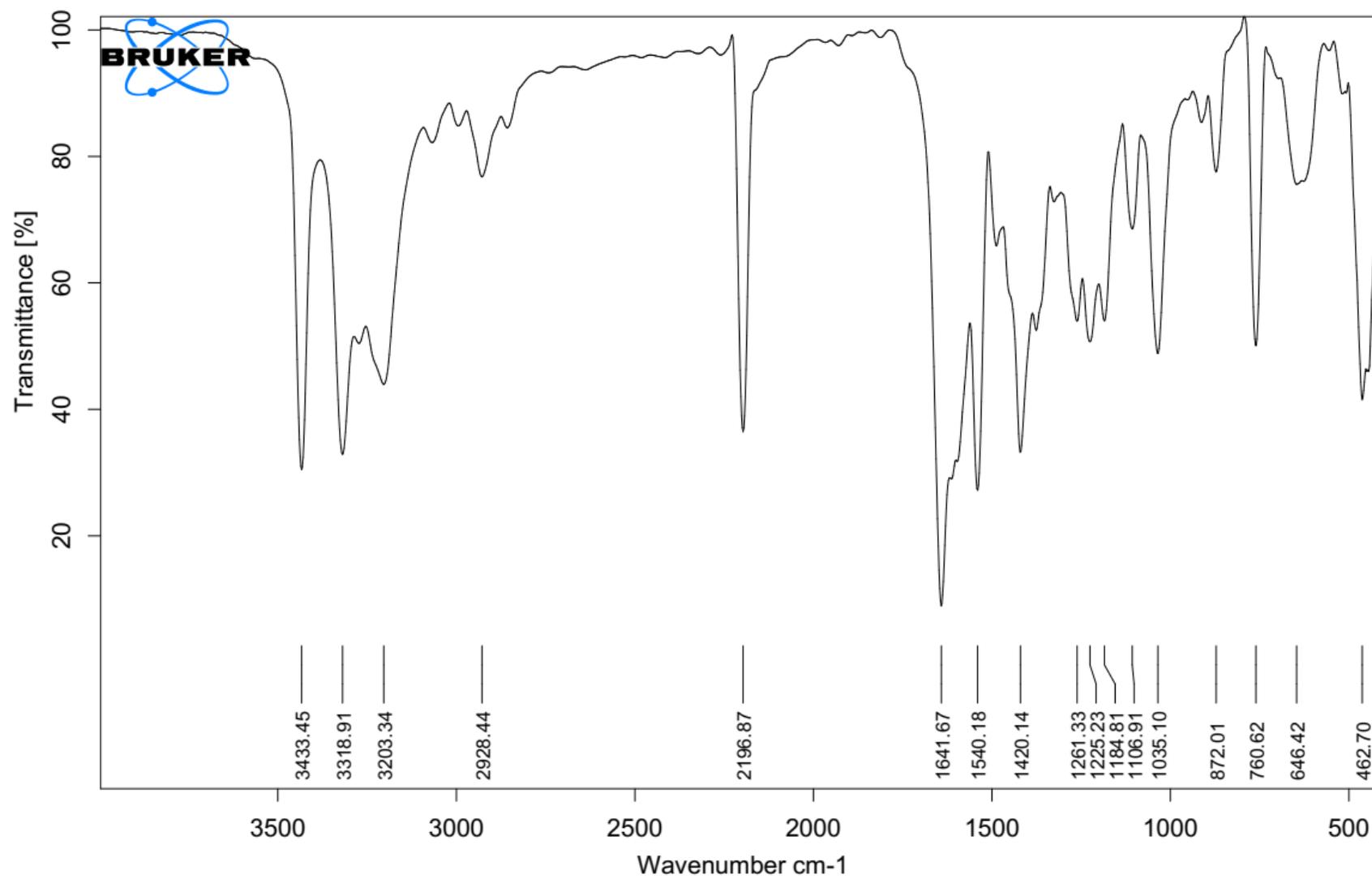
IR SPECTRUM OF 2D



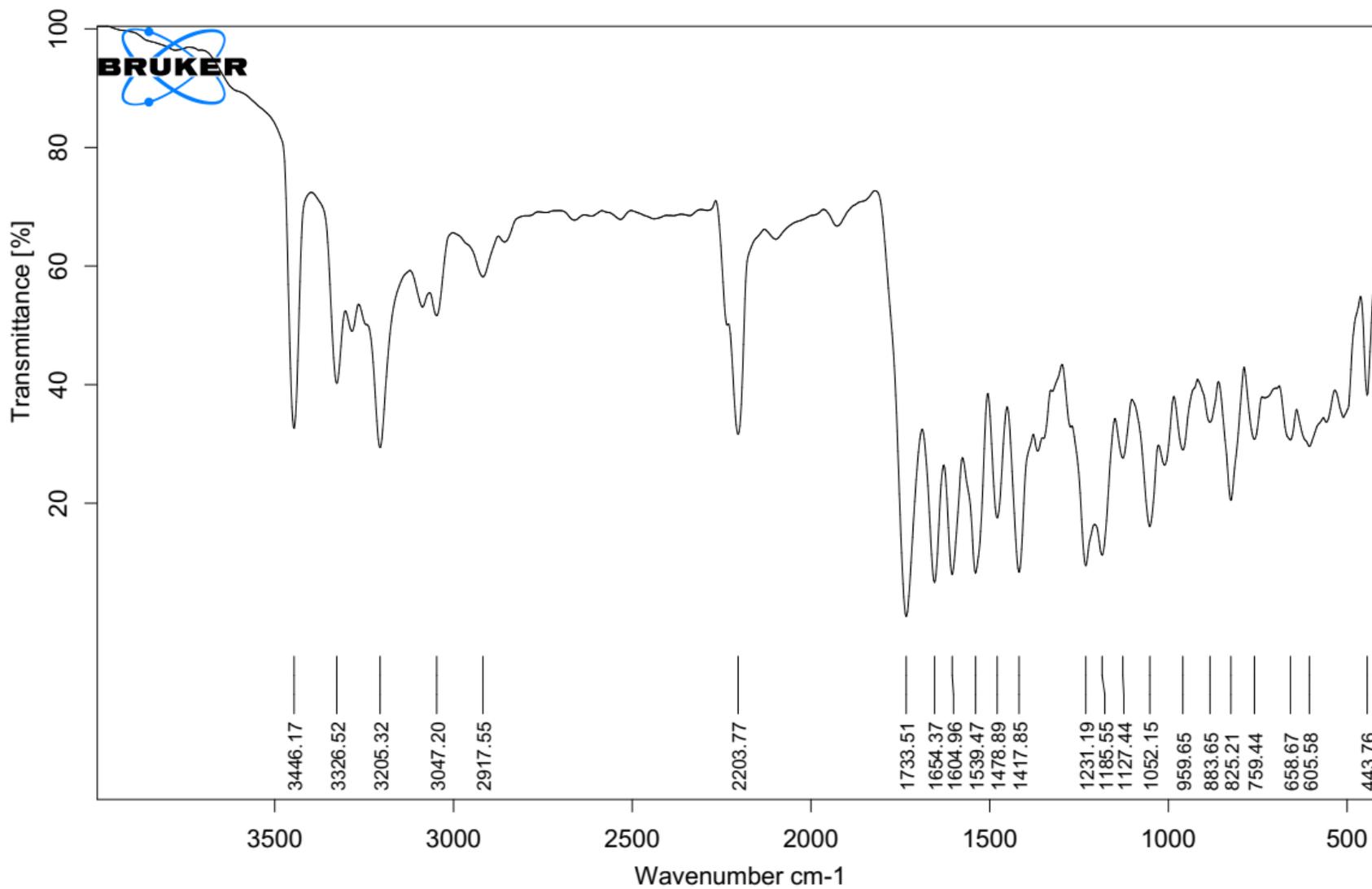
IR SPECTRUM OF 3D



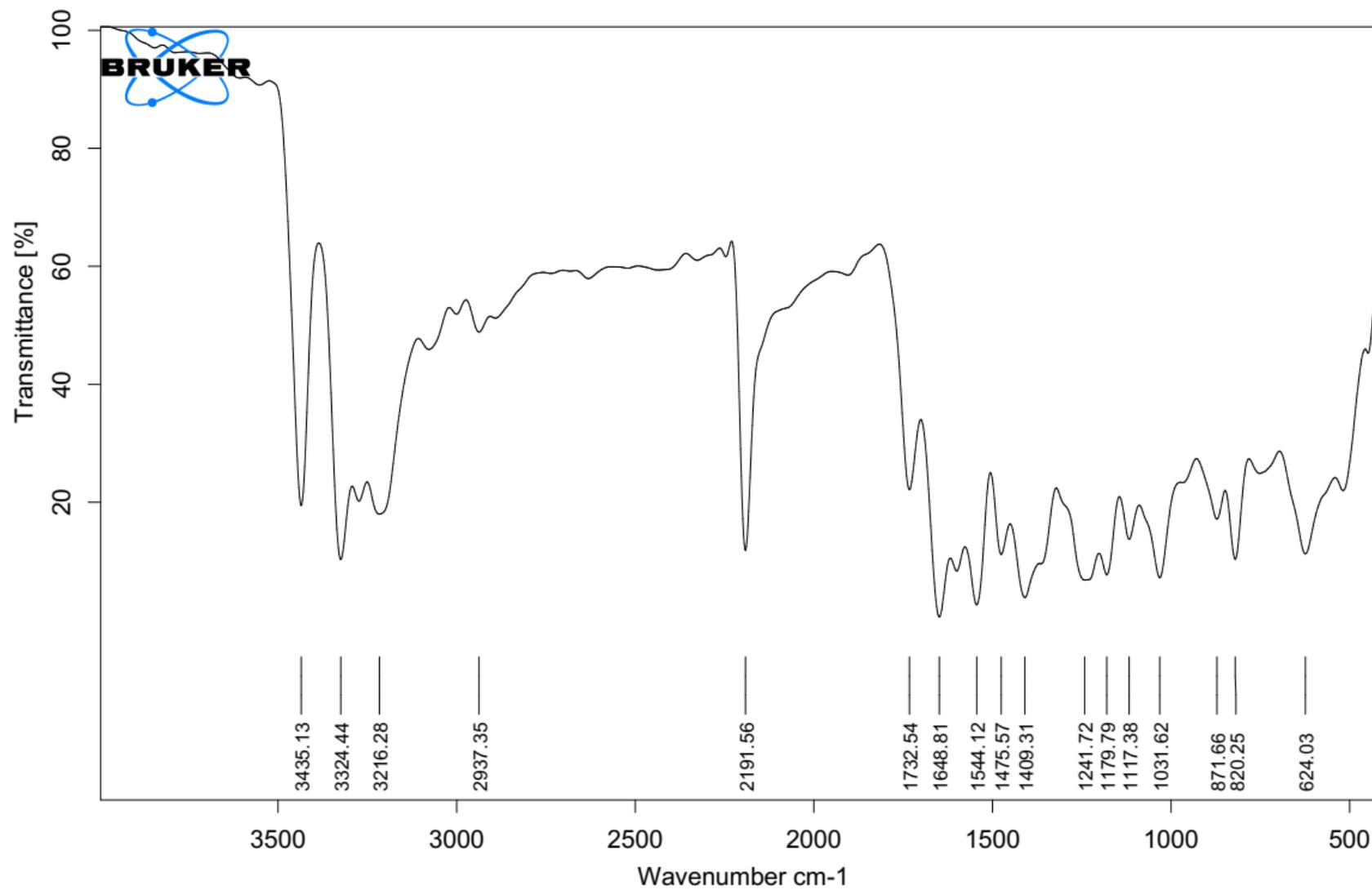
IR SPECTRUM OF 4D



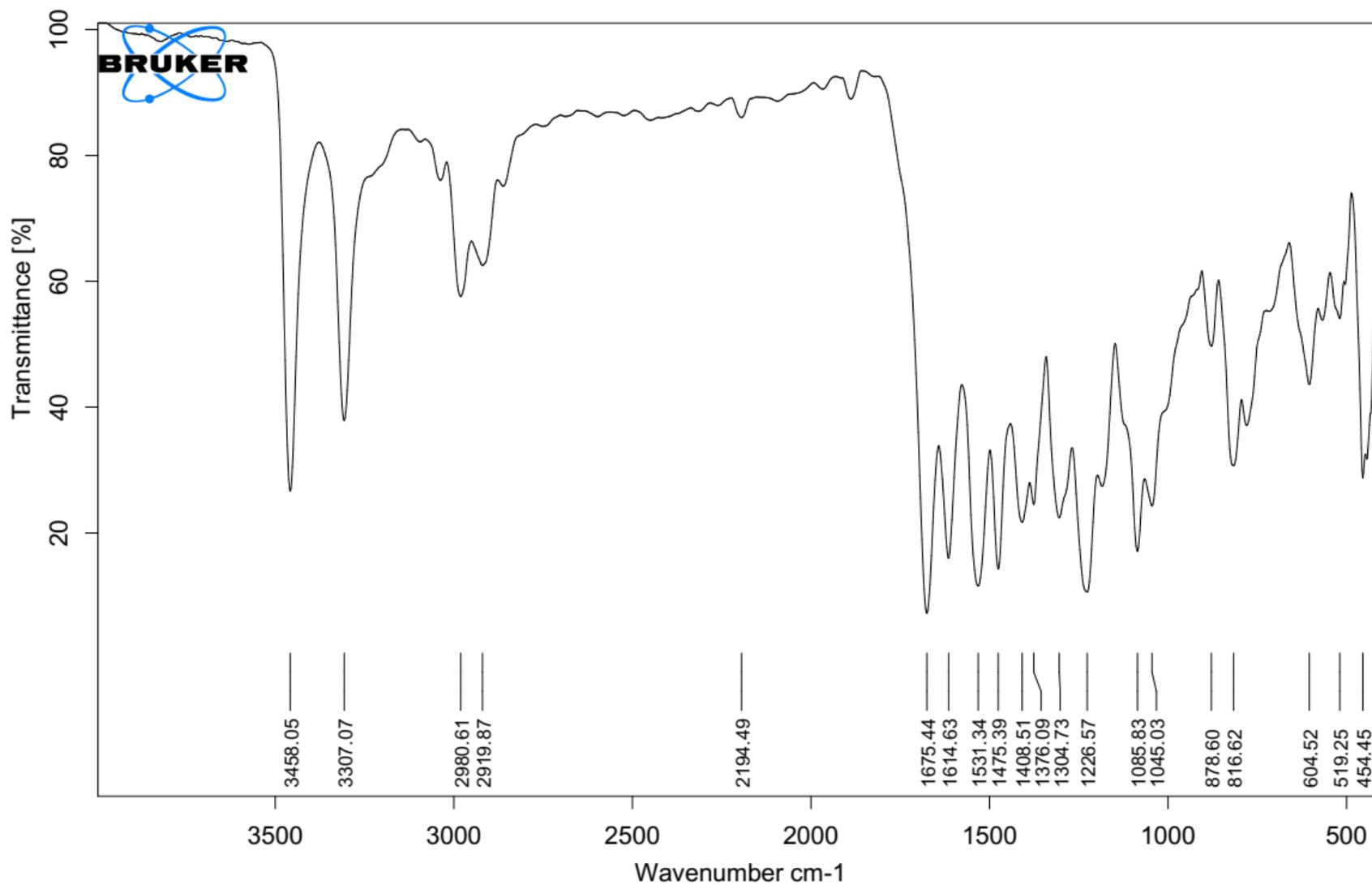
IR SPECTRUM OF 5D



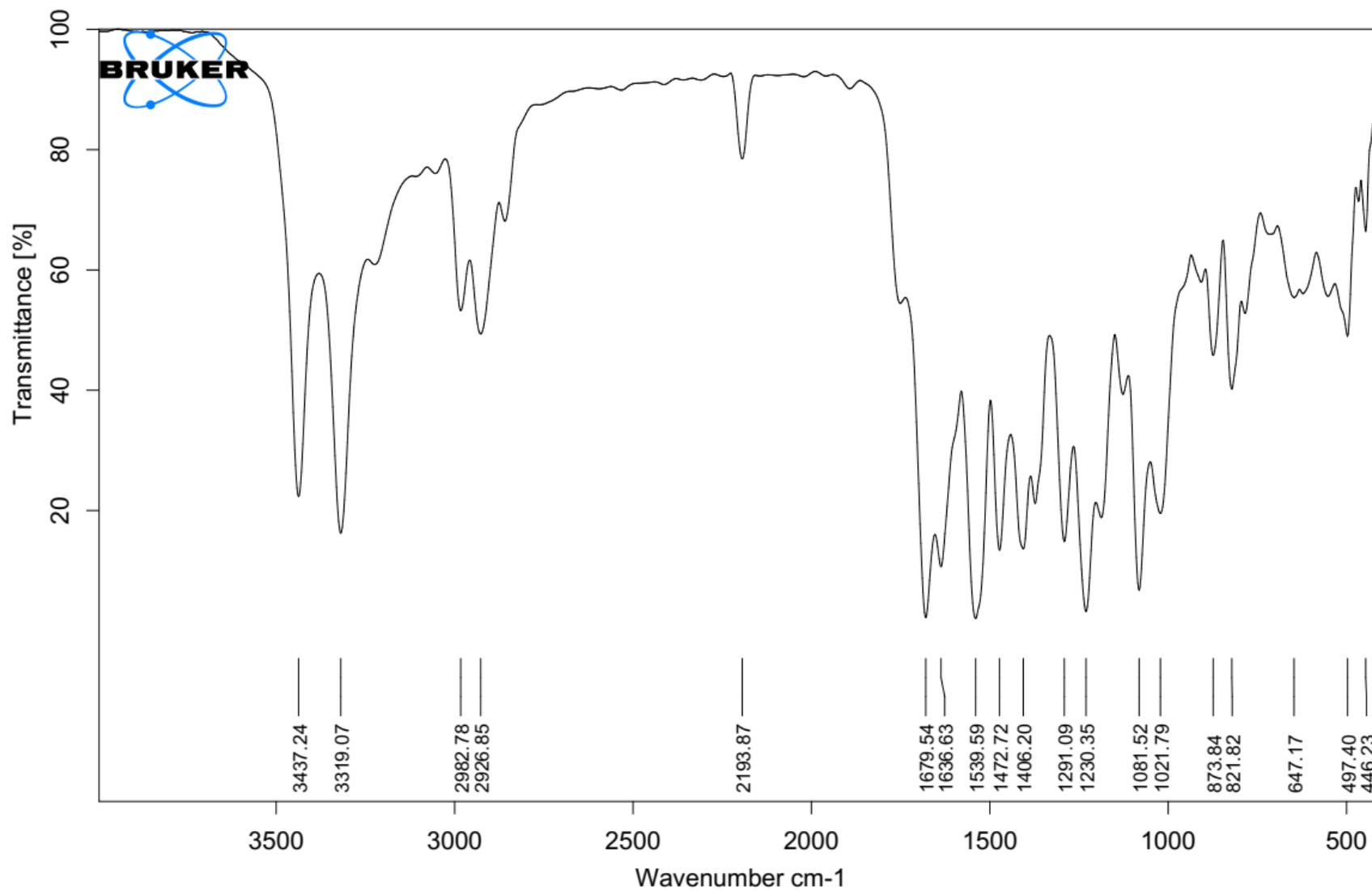
IR SPECTRUM OF 6D



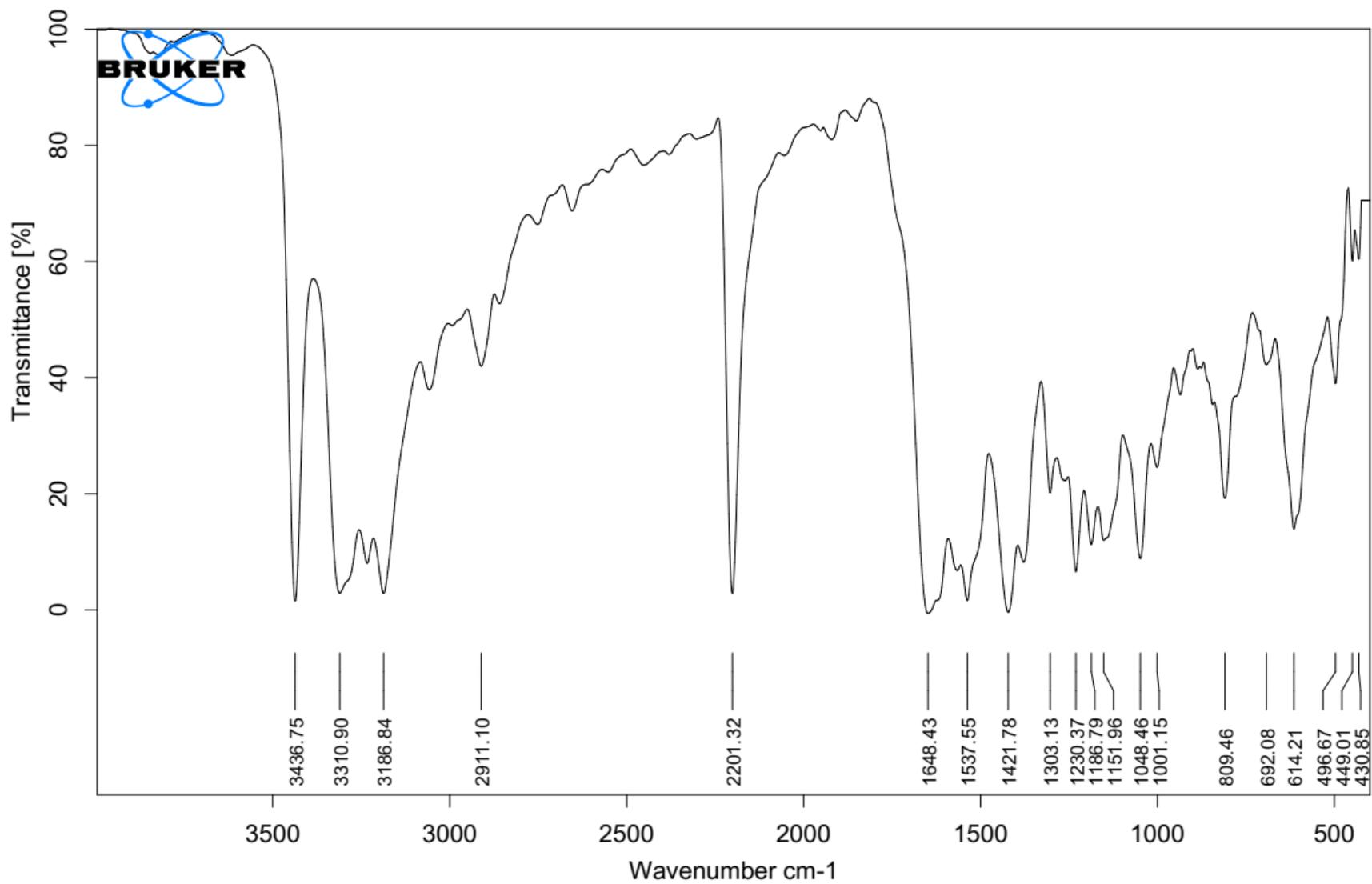
IR SPECTRUM OF 7D



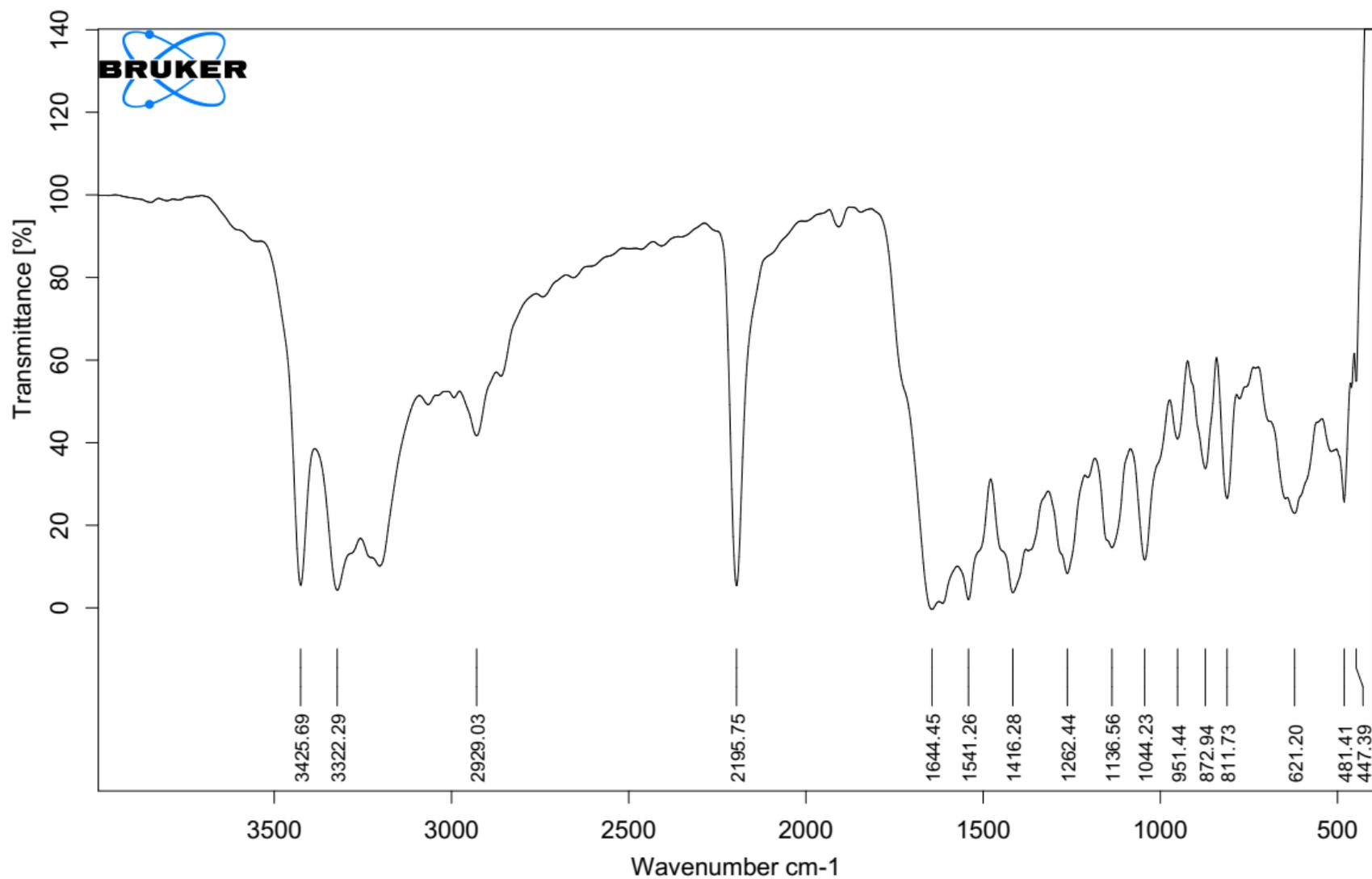
IR SPECTRUM OF 8D



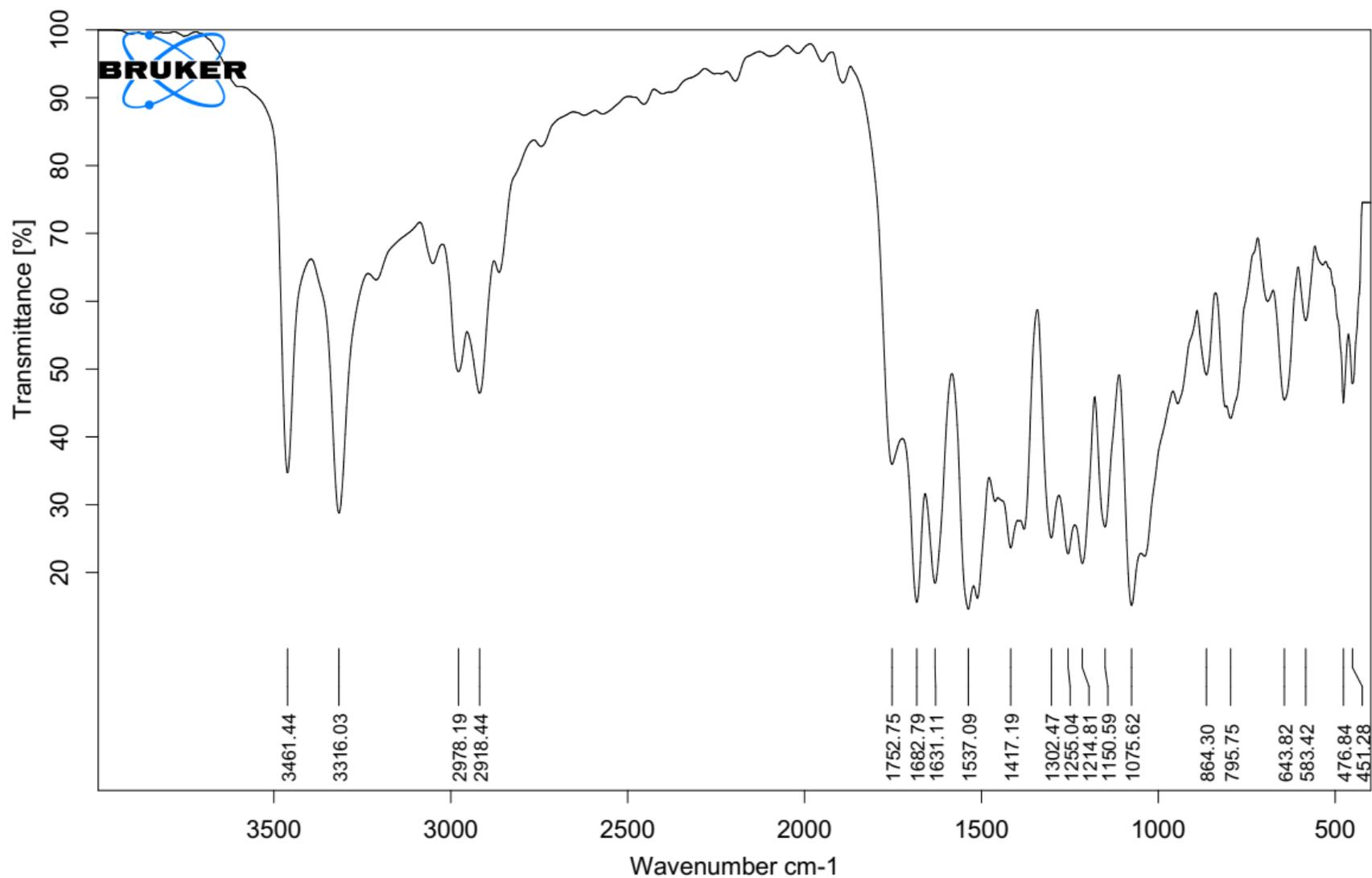
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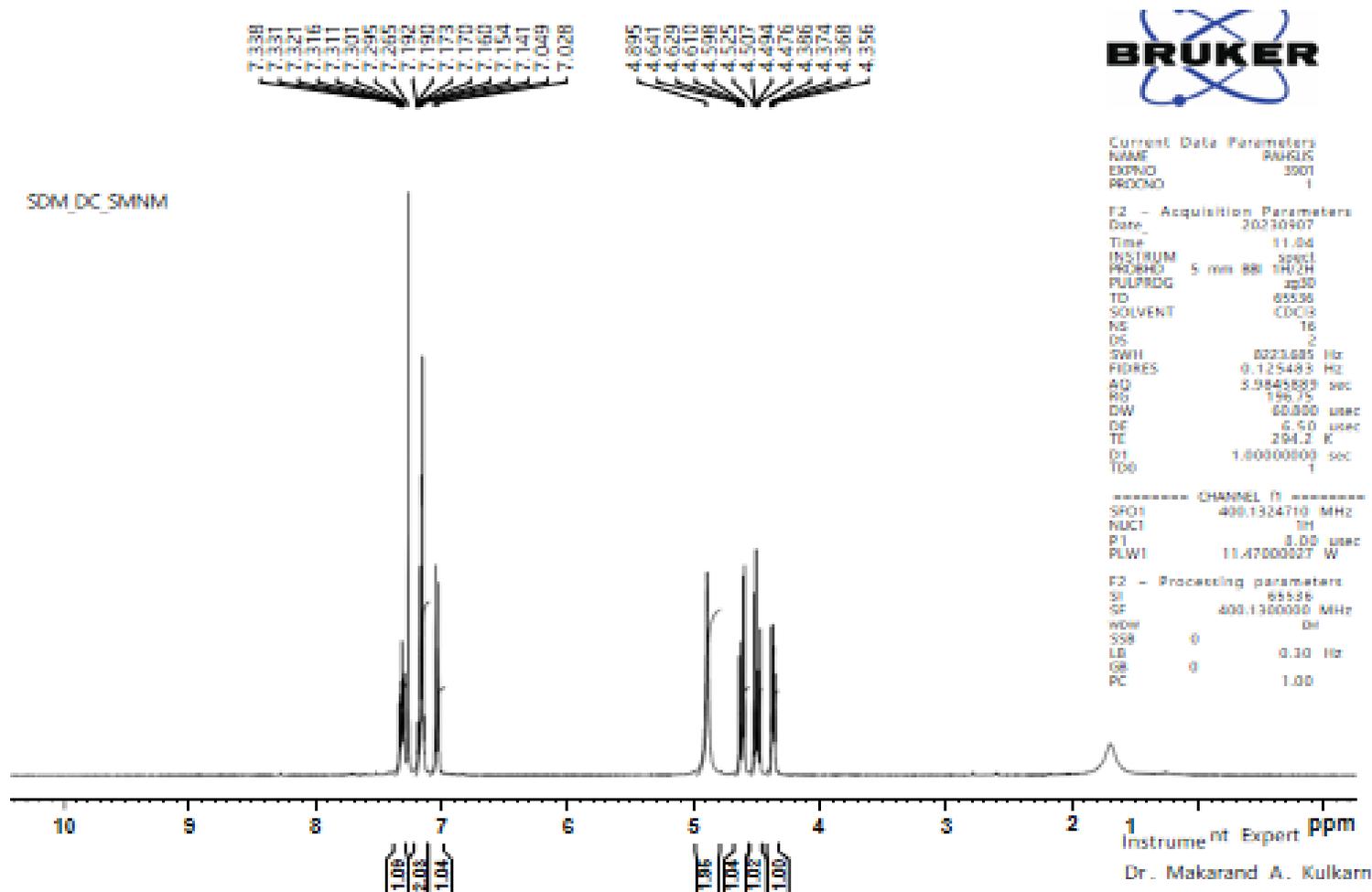
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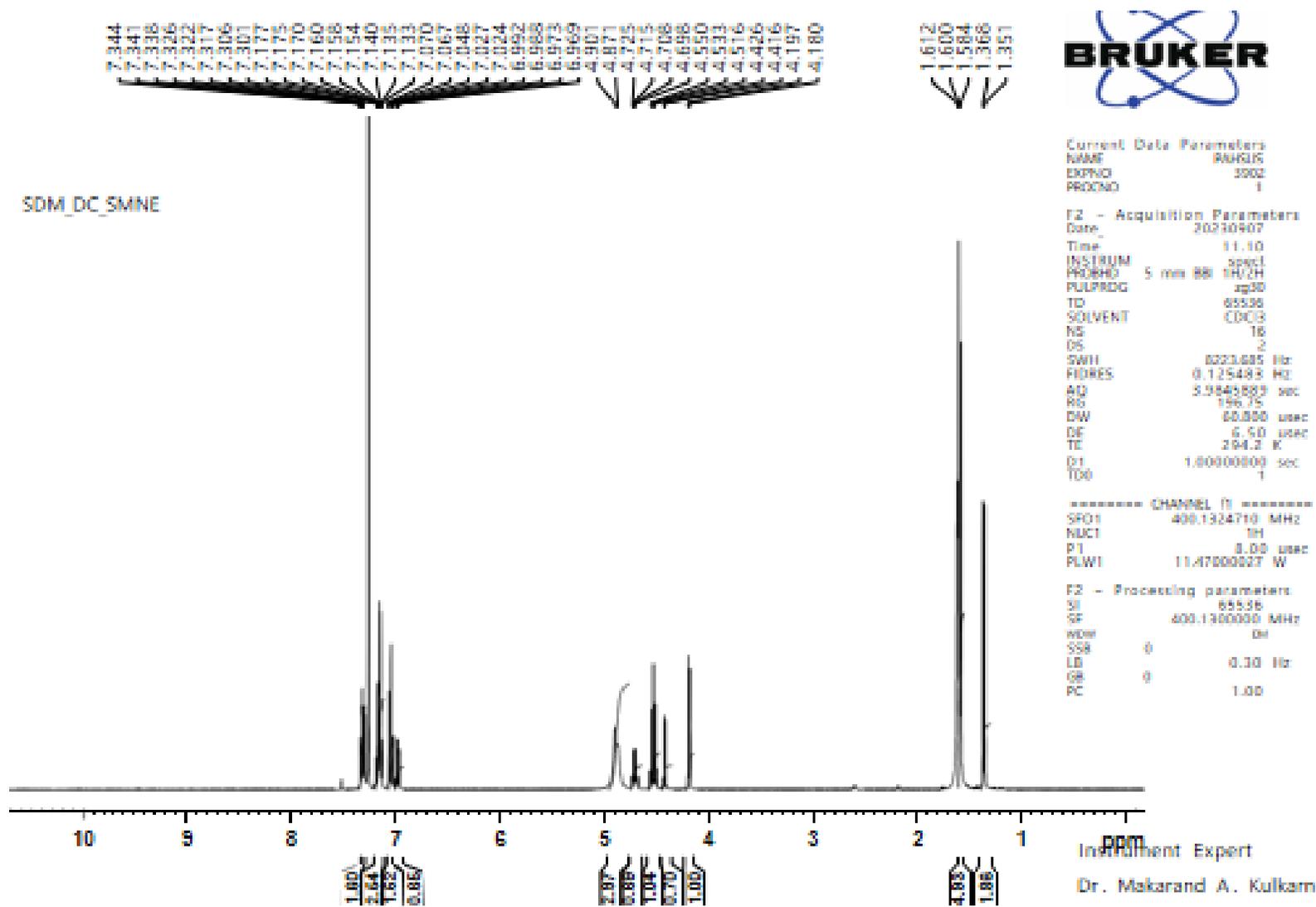
IR SPECTRUM OF 11D



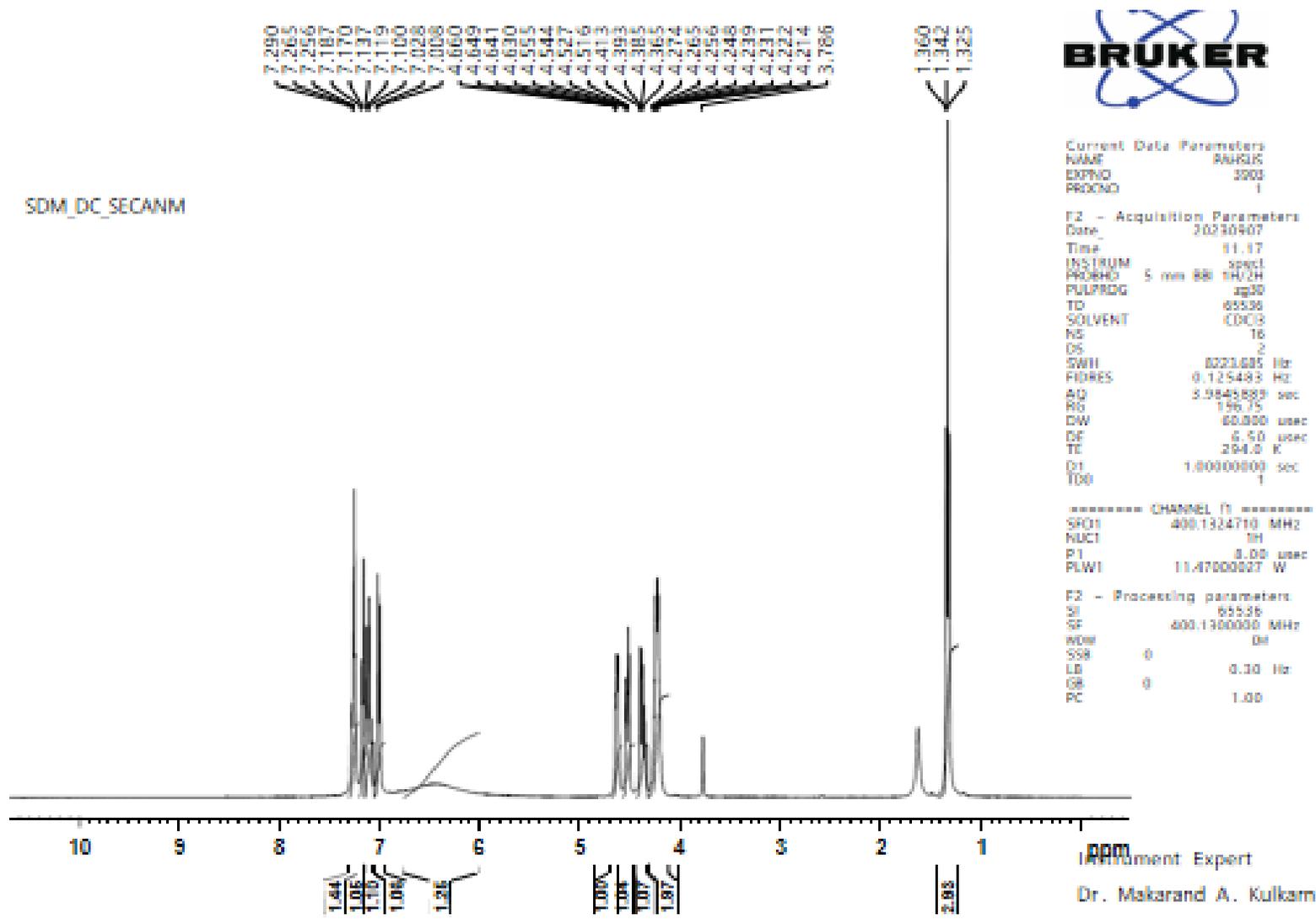
NMR SPECTRUM OF 1D



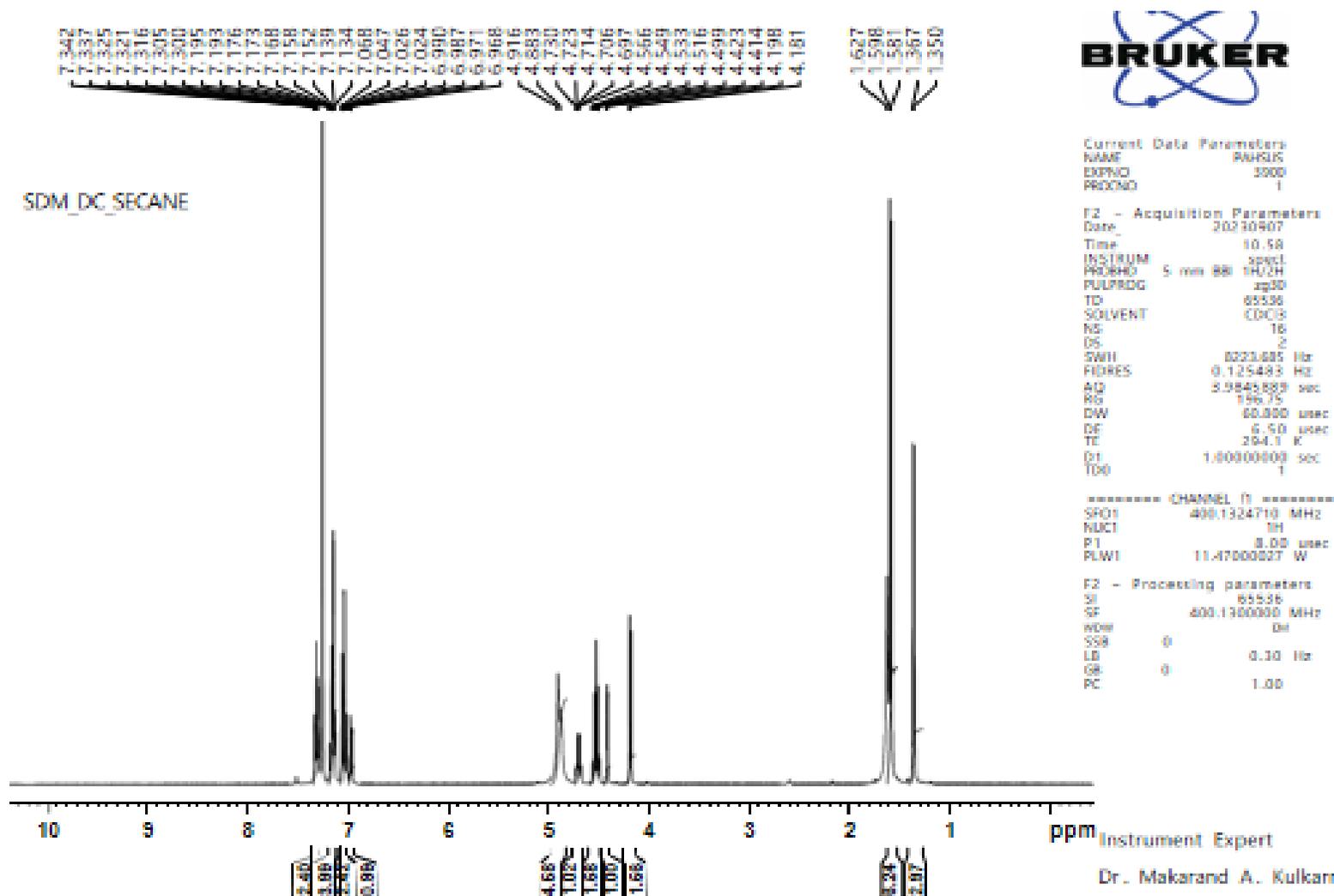
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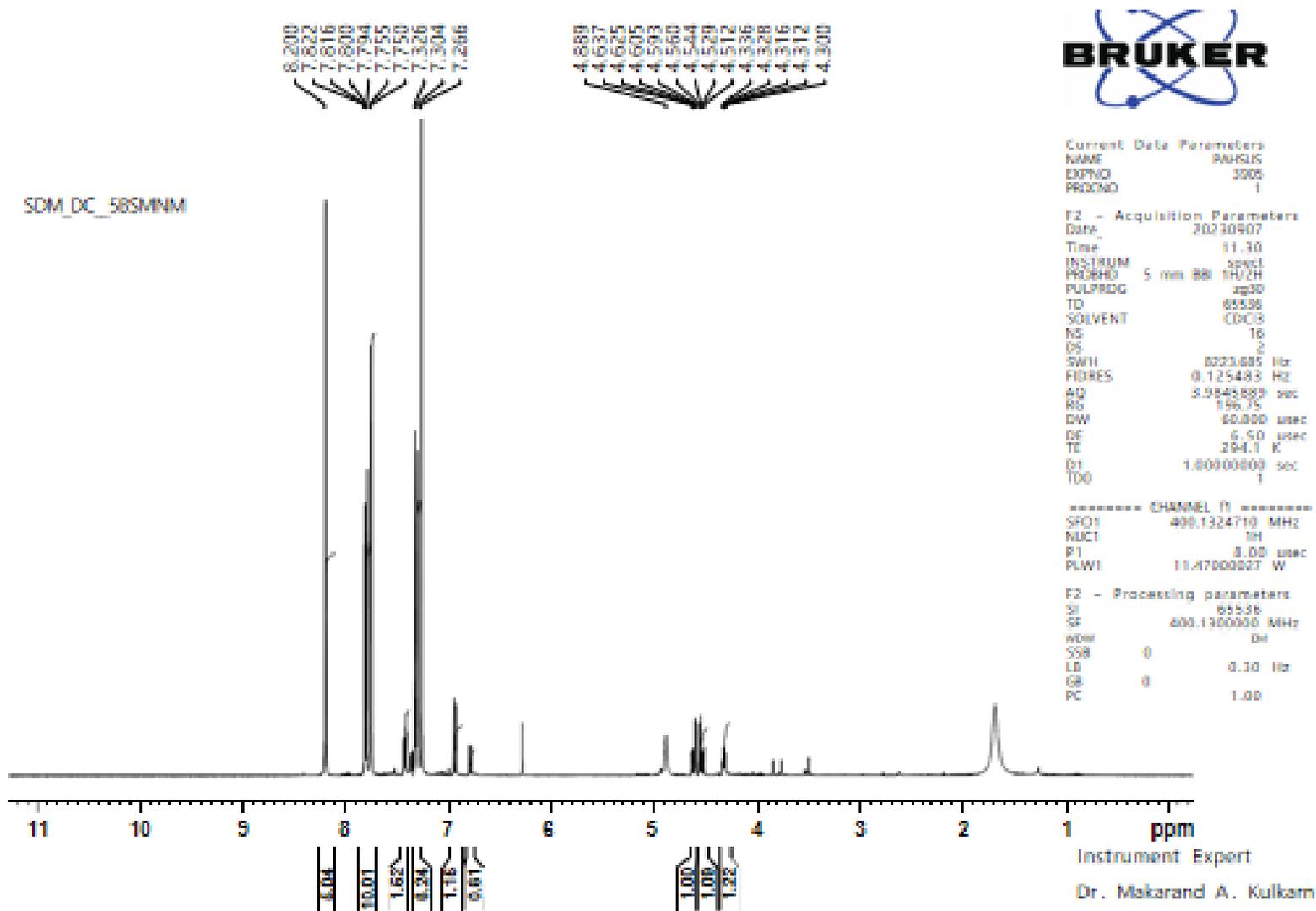
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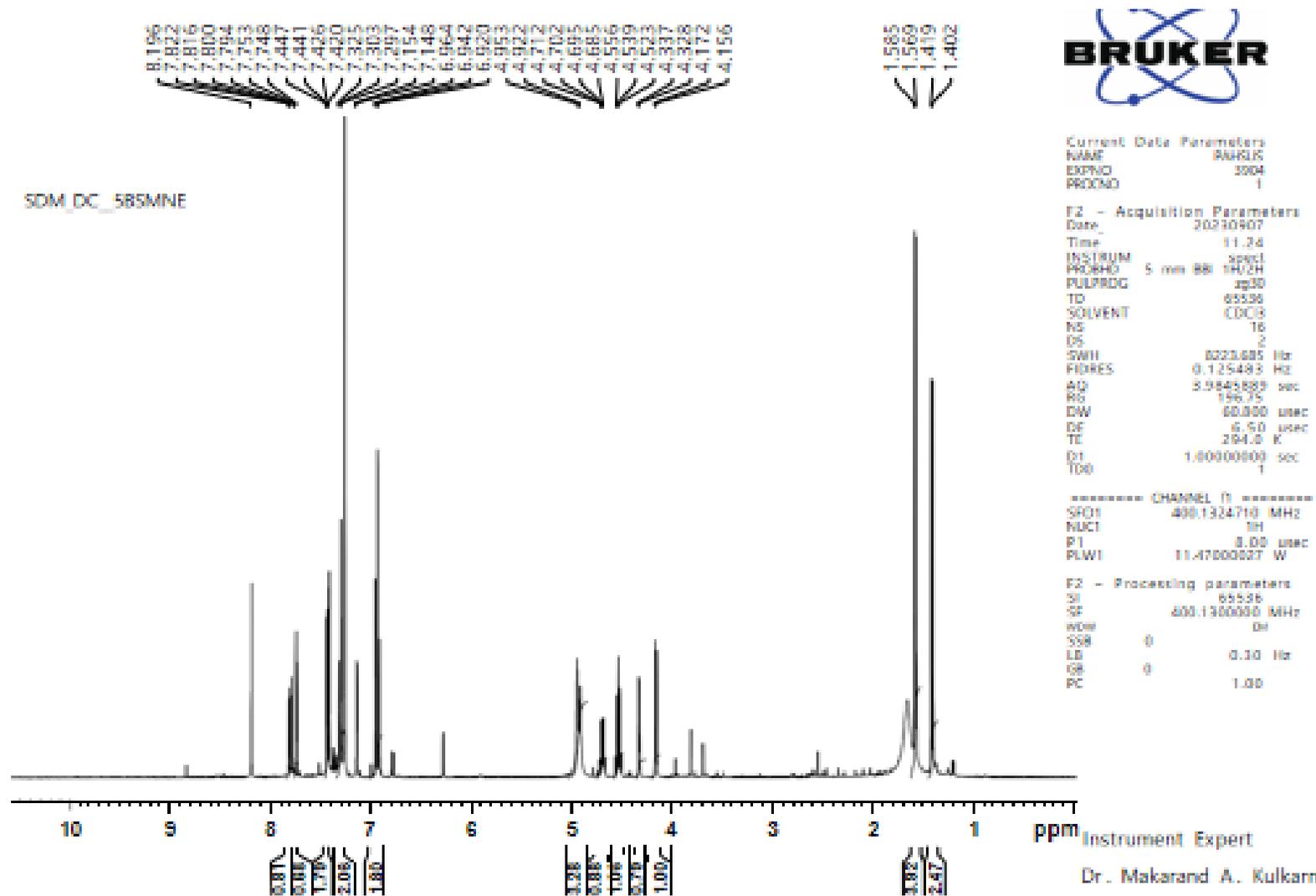
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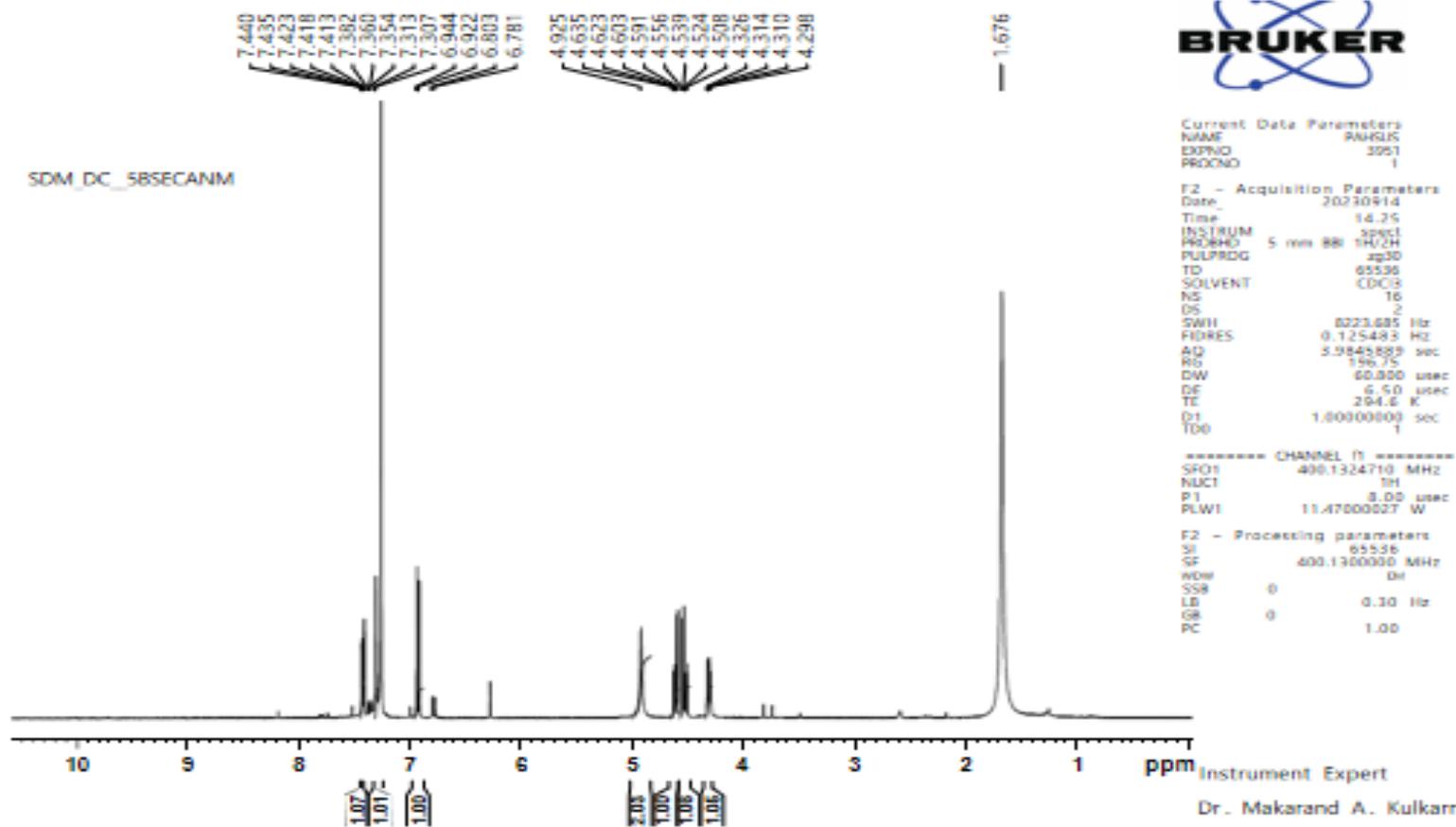
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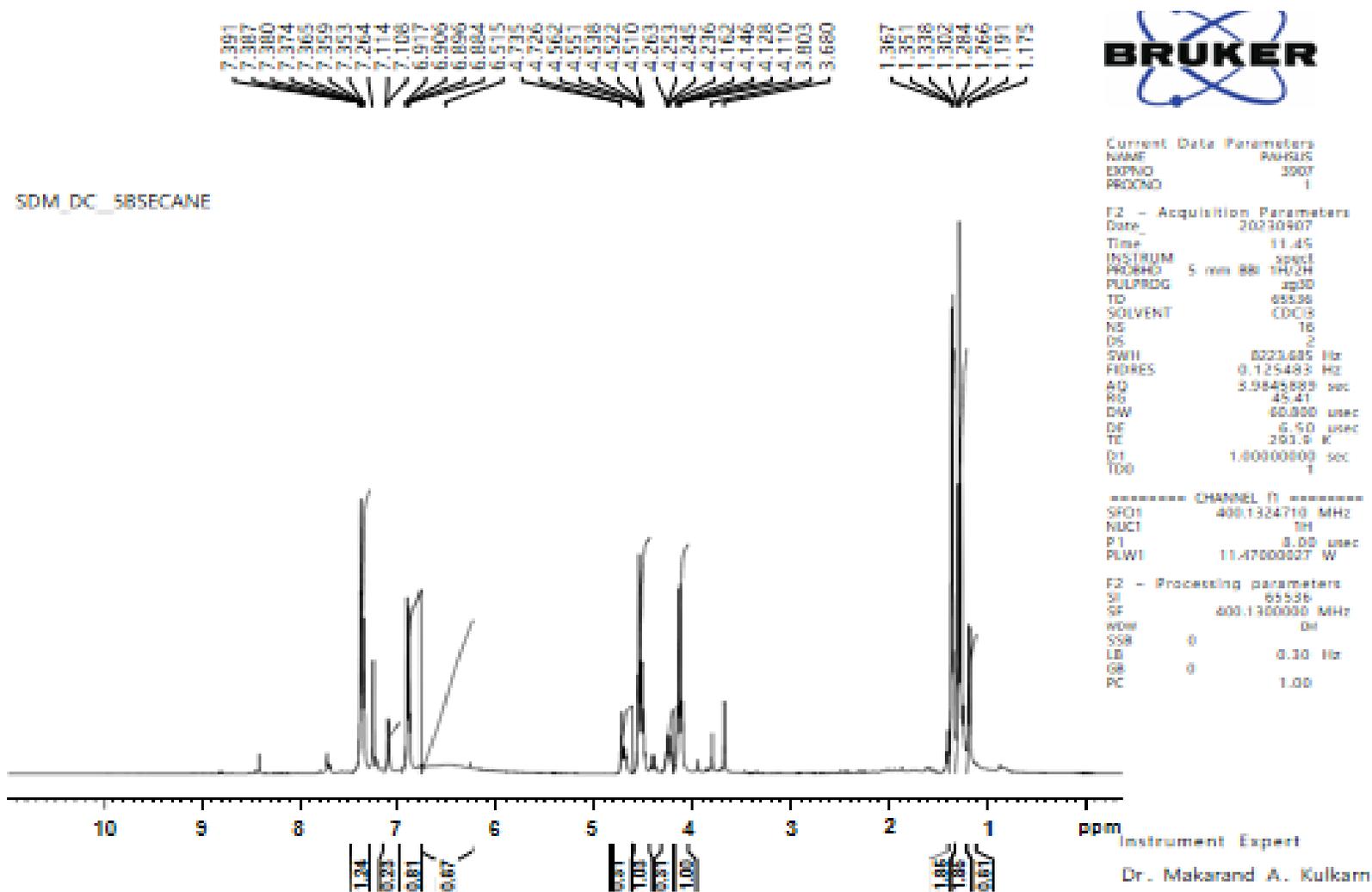
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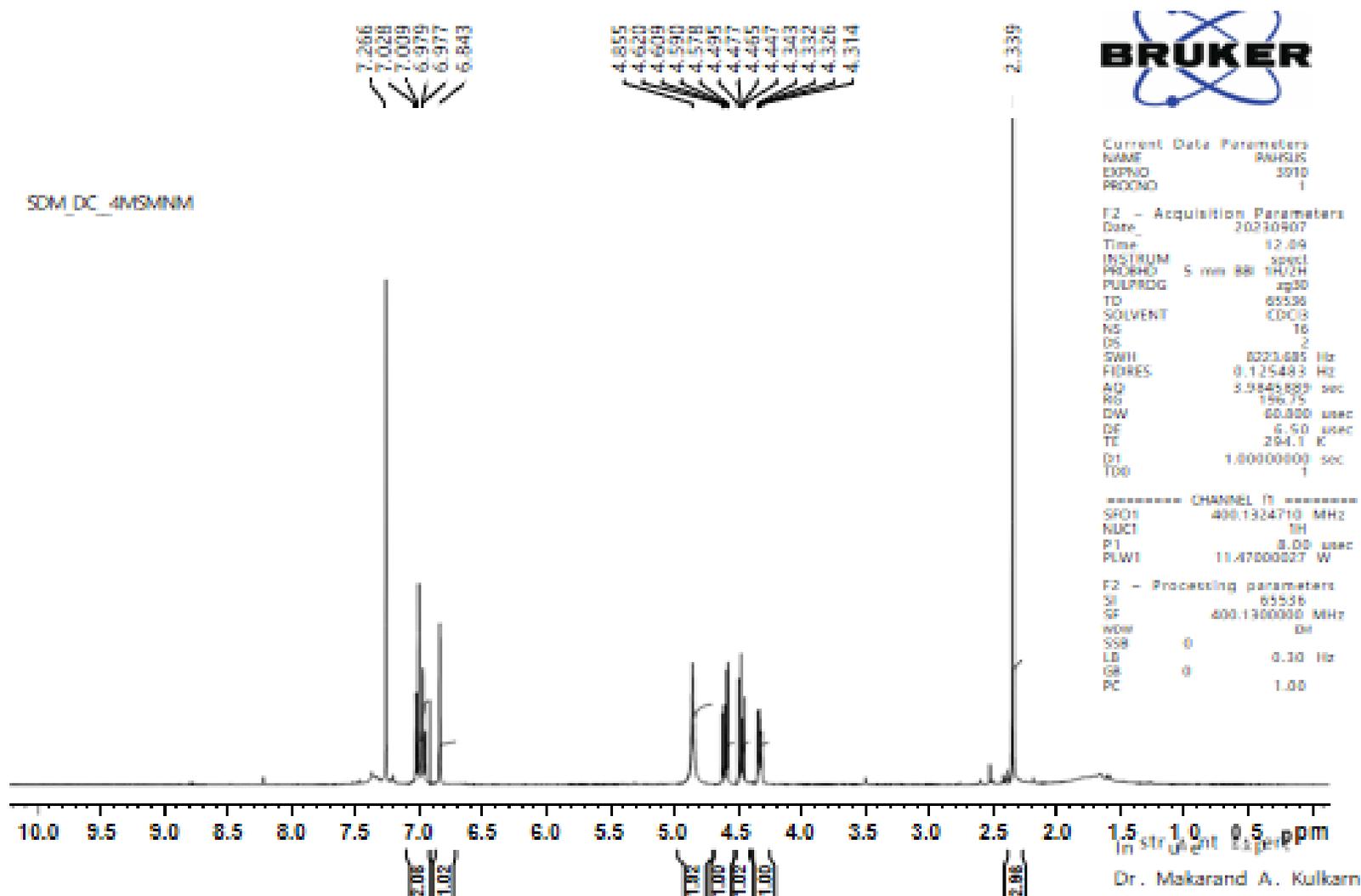
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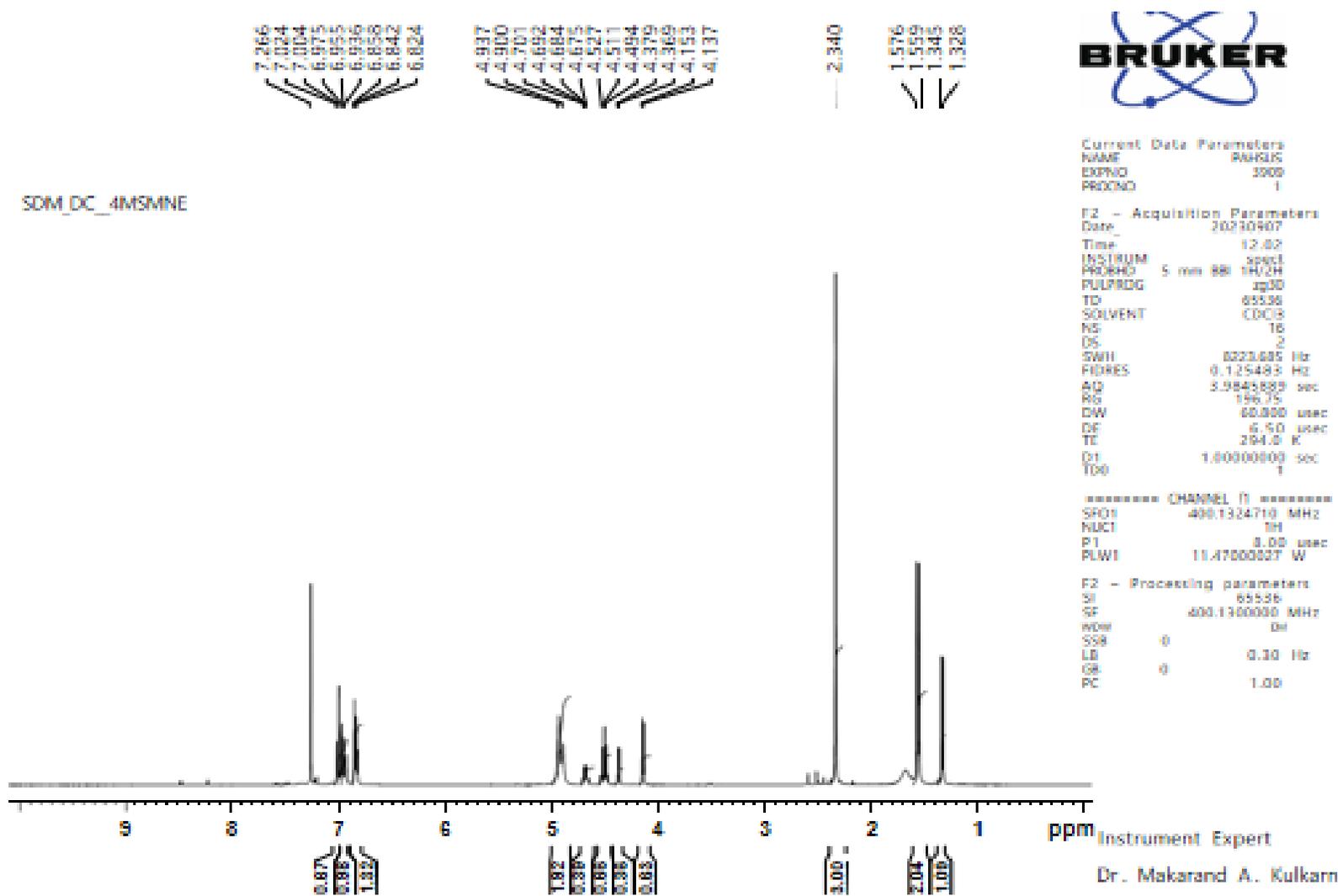
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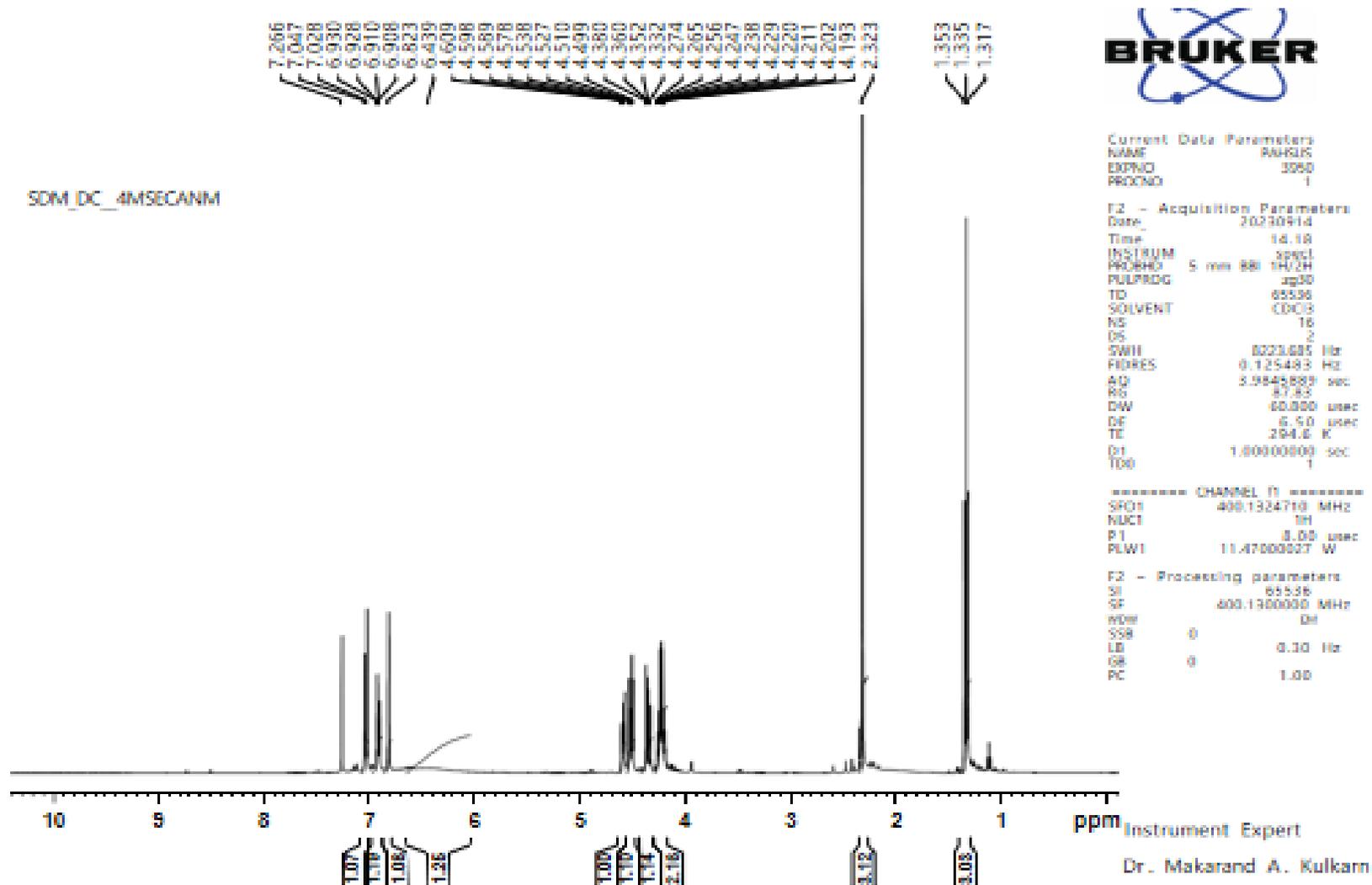
NMR SPECTRUM OF 9D



NMR SPECTRUM OF 10D

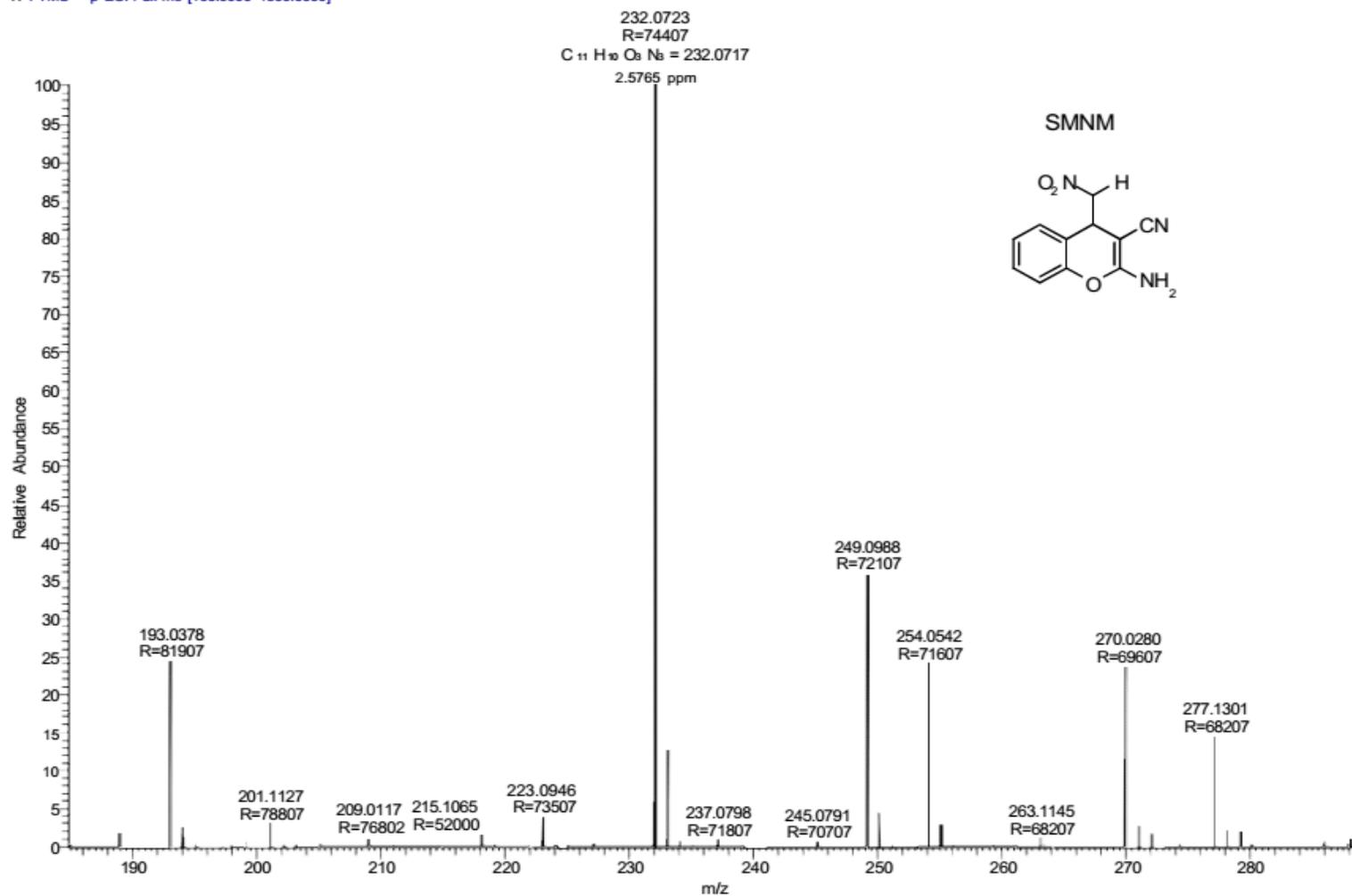


NMR SPECTRUM OF 11D



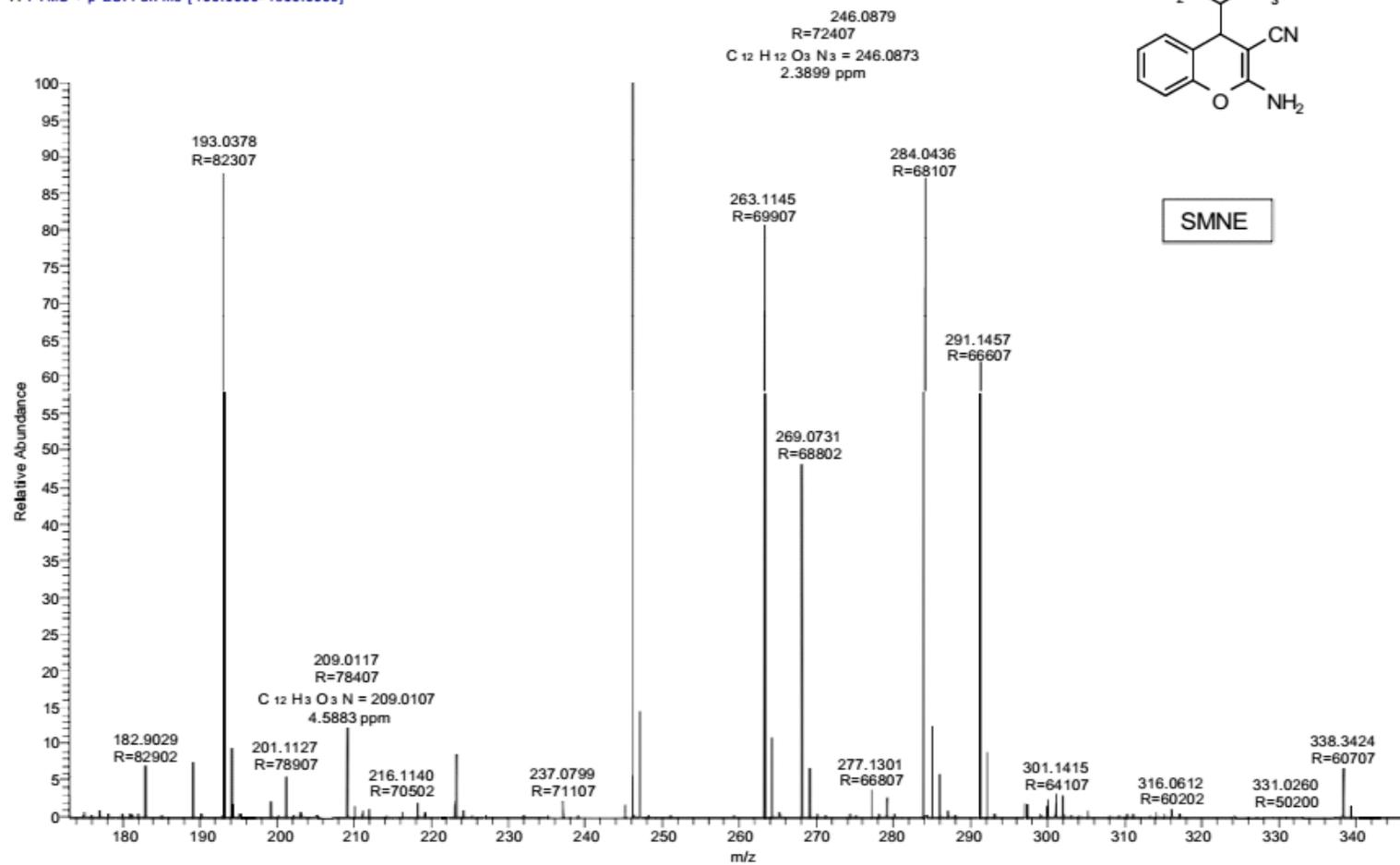
MASS SPECTRUM OF 1D

NB-1 #381 RT: 1.70 AV: 1 NL: 1.65E8
T: FTMS + p ESI Full ms [100.0000-1500.0000]



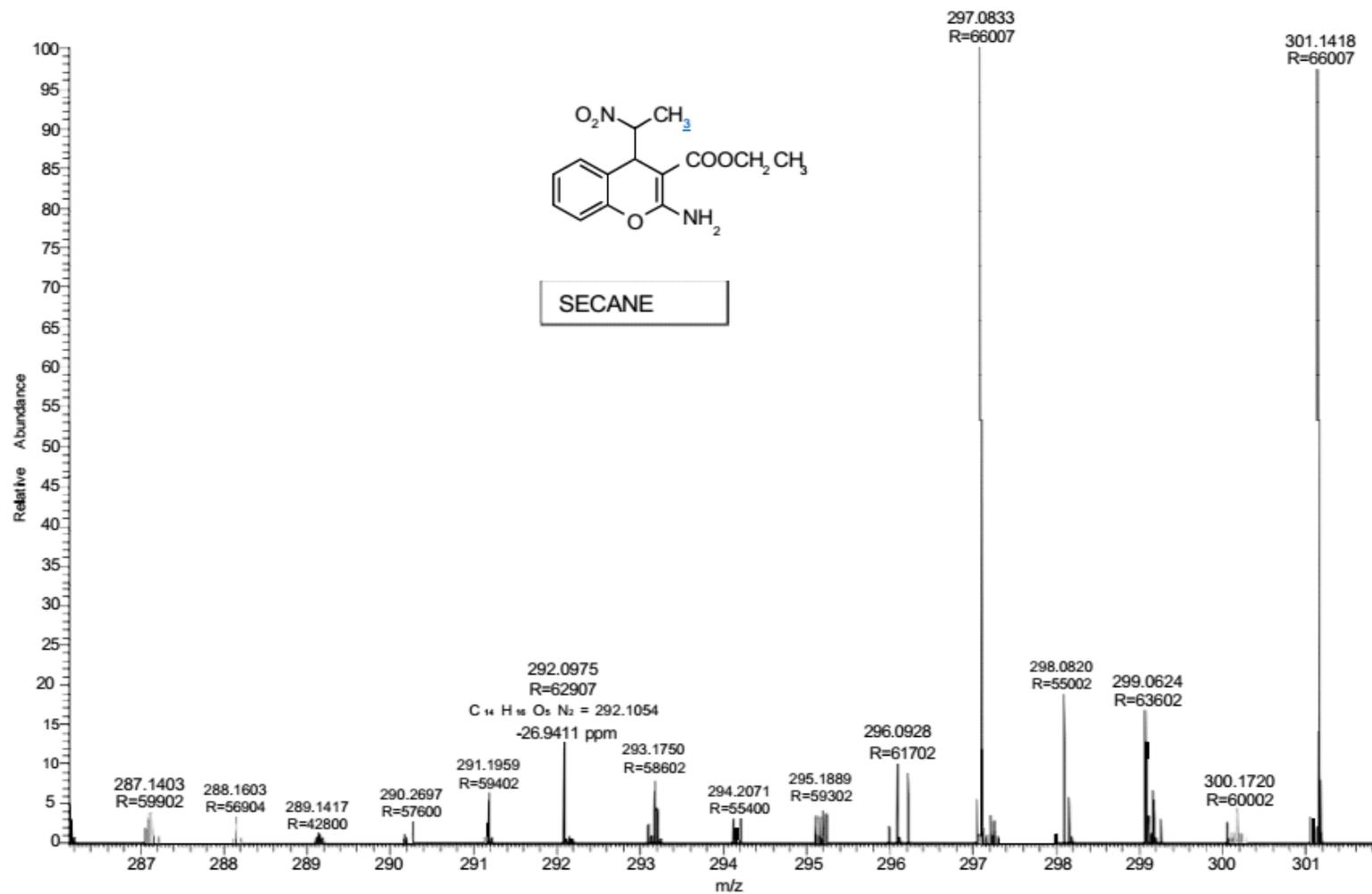
MASS SPECTRUM OF 2D

NB-2 #395 RT: 1.76 AV: 1 NL: 8.28E7
T: FTMS + p ESI Full ms [100.0000- 1500.0000]



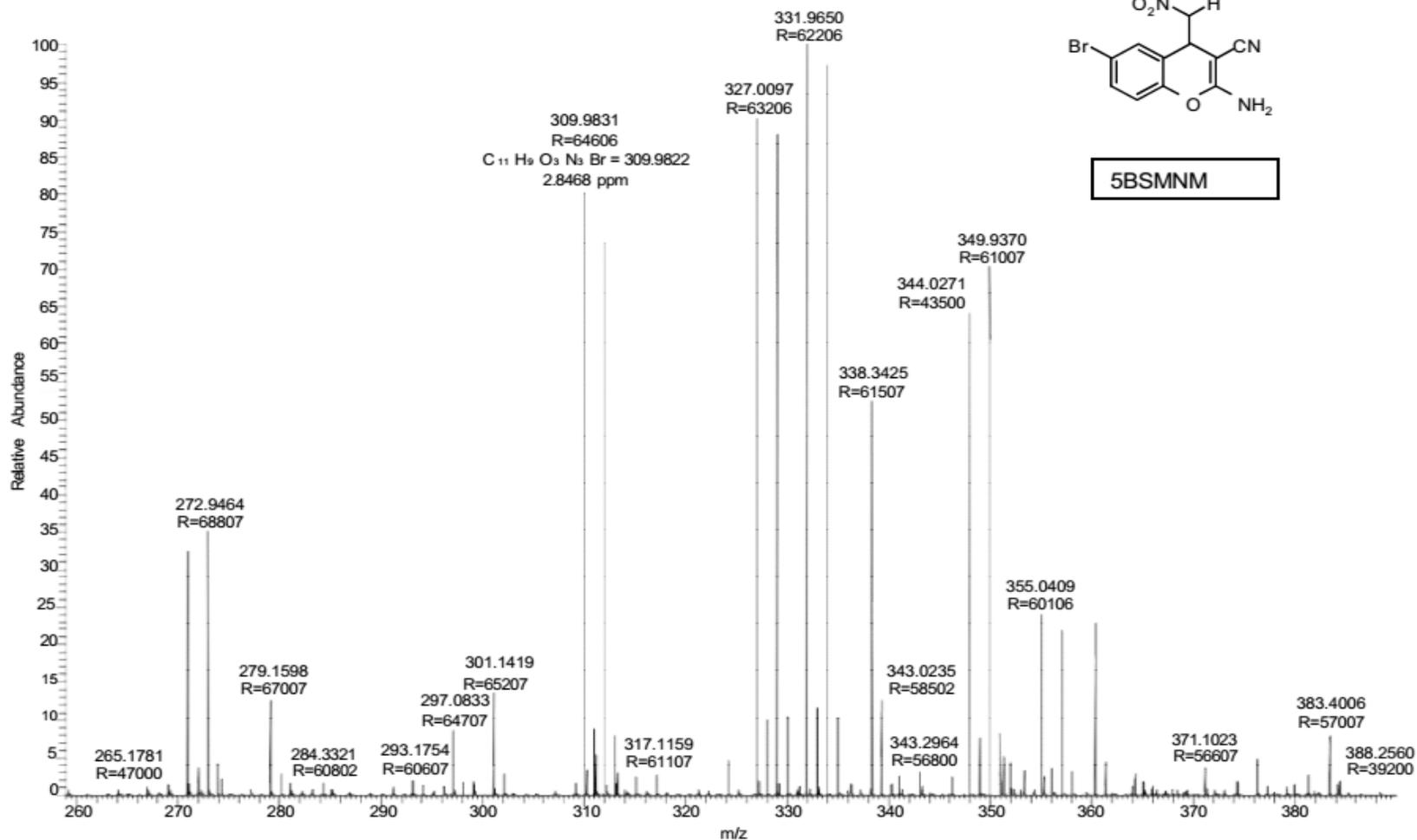
MASS SPECTRUM OF 4D

NB-12 #456 RT: 2.03 AV: 1 NL: 3.08E6
T: FTMS + p ESI Full ms [100.0000-1500.0000]



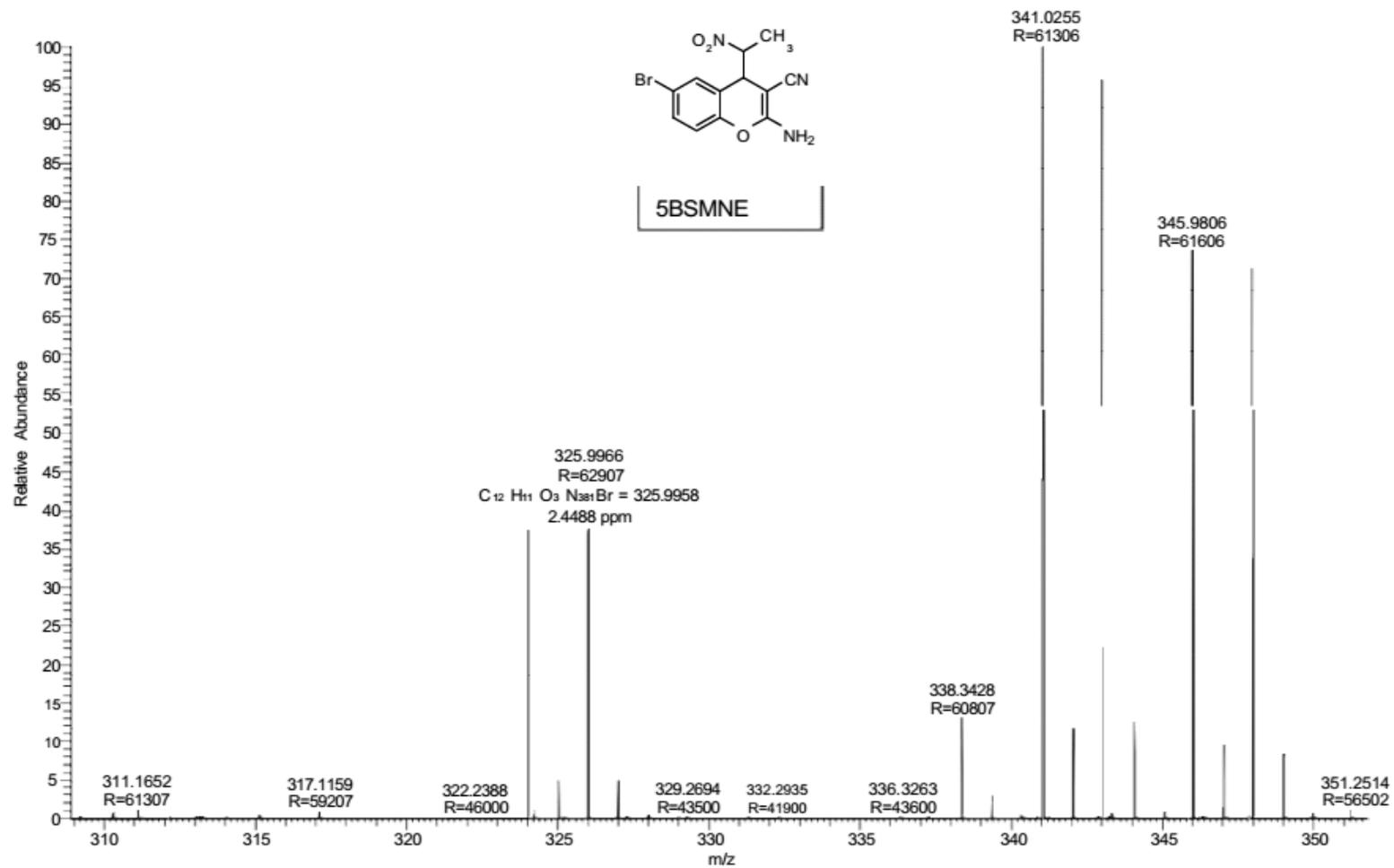
MASS SPECTRUM OF 5D

NB-6 #373 RT: 1.66 AV: 1 NL: 2.65E7
T: FTMS + p ESI Full ms [100.0000-1500.0000]



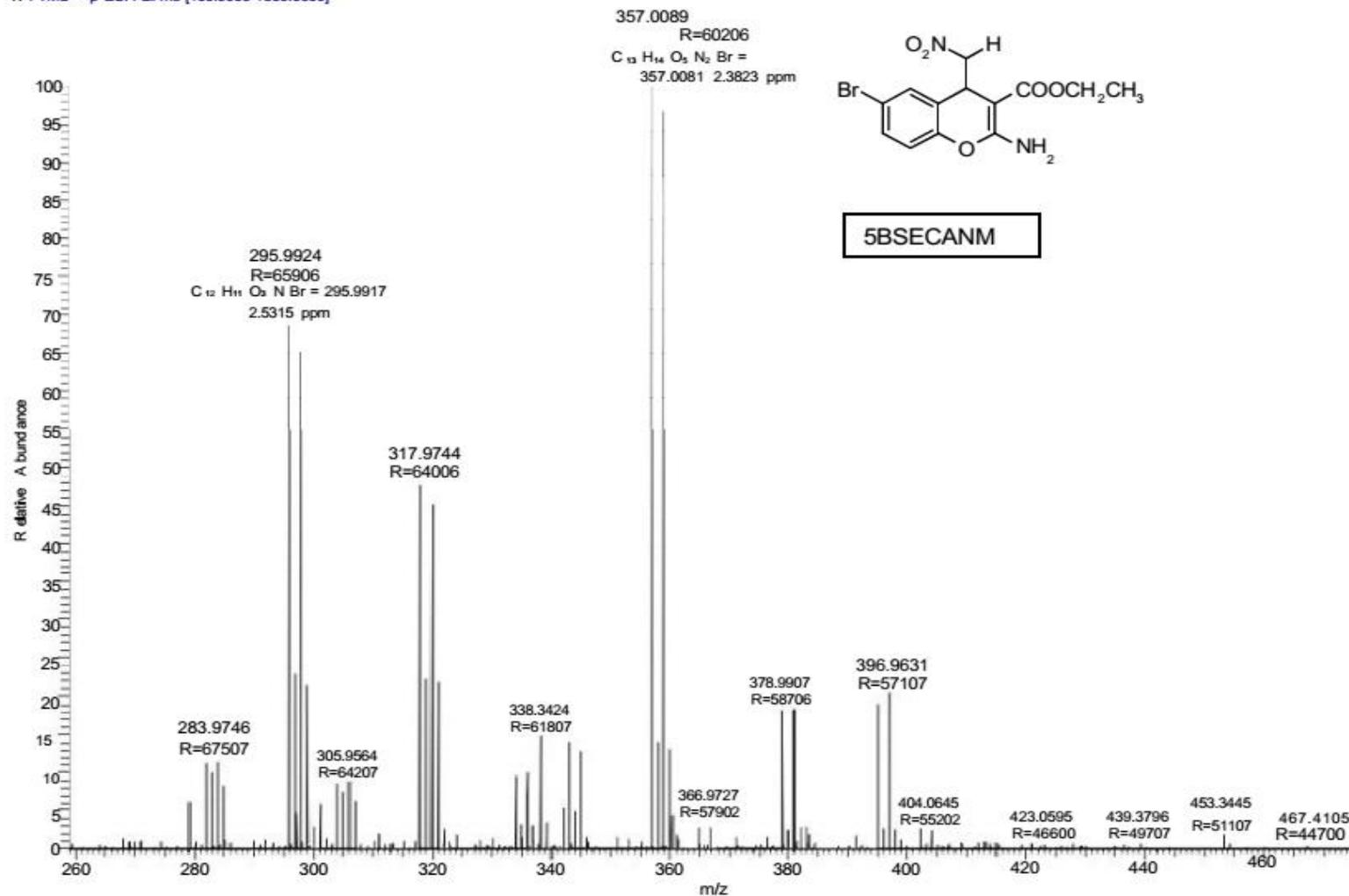
MASS SPECTRUM OF 6D

NB-5 #395 RT: 1.77 AV: 1 NL: 6.09E7
T: FTMS + p ESI Full ms [100.0000-1500.0000]



MASS SPECTRUM OF 7D

NB-4 #424 RT: 1.90 AV: 1 NL: 4.89E7
T: FTMS + p ESI Full ms [100.0000-1500.0000]



MASS SPECTRUM OF 8D

NB-3 #455 RT: 2.03 AV: 1 NL: 7.99E7

T: FTMS + p ESI Full ms [100.0000-1500.0000]

